Page #1, Waiver Request of Section 74.1204

K220EU, New Roads, LA
Calvary Chapel of Twin Falls, Inc.
June 2002

The proposed site is contained entirely inside the service contours of second-adjacent stations KPAE, Erwinville, LA and WCKW, Laplace, LA

KPAE.LIC

The proposed site is contained entirely inside the service contour of second-adjacent Station KPAE, Channel 218, Class A, 5 kW, Erwinville, LA. As shown by the map on **page #2** of this waiver request, the level of the second -adjacent station KPAE arriving protected F(50,50) signal at the proposed transmitter site is 60-dBu. Using the Undesired-to-Desired method for calculating proposed interference (the basis of the FCC current contour overlap regulations and an acceptable method for the purposes of determining lack of interference for an FM Translator), the proposed interfering contour with respect to KPAE is 100-dBu (free-space contour method employed). This means that the 100-dBu interfering signal would, in the worst case at the maximum radial, extend 143 meters, from the center of radiation, which is proposed at 147 meters AGL. The interference contour is located directly to the west of tower site. There are no buildings near the tower that would fall within this interference contour. There is no Topo map being submitted with this application because the interference contour does not touch the ground or any buildings adjacent to the tower. Since no population inhabits this 100-dBu interference area, Calvary Chapel respectfully requests a waiver of the FM translator contour overlap regulations with respect to second -adjacent channel station KPAE.

WCKW.LIC

The proposed site is contained entirely inside the service contour of second-adjacent Station WCKW, Channel 222, Class C, 100 kW, Laplace, LA. As shown by the map on **page #2** of this waiver request, the level of the second -adjacent station WCKW arriving protected F(50,50) signal at the proposed transmitter site is 66-dBu. Using the Undesired-to-Desired method for calculating proposed interference (the basis of the FCC current contour overlap regulations and an acceptable method for the purposes of determining lack of interference for an FM Translator), the proposed interfering contour with respect to WCKW is 106-dBu (free-space contour method employed). This means that the 106-dBu interfering signal would, in the worst case at the maximum radial, extend 72 meters, from the center of radiation, which is proposed at 147 meters AGL. Since no population inhabits this 106-dBu interference area, Calvary Chapel respectfully requests a waiver of the FM translator contour overlap regulations with respect to second -adjacent channel station WCKW.